

What is claimed is:

1. A one-way clutch comprising:

a cage press fitted to an inner peripheral face of an outer race;

a spring arranged along an inner diameter side of said cage and including pockets and annular portions having corrugated parts; and

a sprag assembly including plurality of sprags, wherein said sprags are inserted into respective pockets of said spring and into said cage;

wherein, at a position where the largest repulsive force is exerted from said cage, a overlapped portion is formed by one end portion of said spring overlaps with the other end portion of said spring so that rigidity of said spring is increased, and

wherein said overlapped portion of said spring is positioned by said corrugated parts of the one end portion of said spring and an edge portion of the other end portion of said spring define.

2. The one-way clutch according to Claim 1,

wherein a bent portion is formed in said edge portion of the other end portion of said spring so as to be curved along a round portion from a foot to a crest of said corrugated part, and said bent portion and said corrugated part define a position of said overlapped portion of said

spring.

3. A one-way clutch comprising:

a cage press fitted to an inner peripheral face of an outer race;

a spring arranged along an inner diameter side of said cage, said spring including pockets and annular portions having corrugated parts and smooth parts;

a sprag assembly including plurality of sprags, said each sprag is inserted into a pocket of said spring and a pocket of said cage respectively; and

an overlapped portion provided on said spring at a position where the largest repulsive force is exerted from said cage, and formed by that a first end of said spring overlaps with a second end of said spring;

wherein, at said overlapped portion, an edge portion of said second end extends to at least a boundary between said corrugated part and said smooth part along with said smooth part of said first end.

4. The one-way clutch according to Claim 3,

wherein said edge portion of the second end of said spring is formed so bent as to fit into a curve from said smooth part through to said corrugated part.